ABSTRACT

The present invention relates to methods for treatment of systemic disorders using the lung as a depot organ for transgene delivery. Transfection of the pulmonary epithelium, particularly the deep alveolar cells, or pulmonary endothelial cells, is achieved via local administration of a transgene delivery vector to the lung. The transfected cells express the transgene, and the protein thereby expressed is communicated into the circulatory system. Once entering into the circulatory system, the protein is able to achieve a systemic therapeutic effect.